

In the claims:

1. (Currently amended) A device for enhancing growth of plants and vegetables, comprising a body adapted to placed on a surface accessible for sunlight, said body having photo-transforming qualities which convert UV light for plants and vegetables into growth enhancing light so as to promote photosynthesis and therefore to enhance growth of plants and vegetables, said body including a photo-transforming additive particles for converting UV light into growth-enhancing light, to enhance photosynthesis by increasing conversion of a UV light spectrum; and means for delivering the growth-enhancing light to plants or vegetables.

Claim 2 cancelled.

3. (Currently amended) A device as defined in claim 211, wherein said light conduit has a total internal reflection.

Claims 4-6 cancelled.

7. (Original) A device as defined in claim 1, wherein said body is formed so that the growth-enhancing light converted by said body provides

at least one property selected from the group consisting of extending a growing season, accelerating a ripening period, increasing a crop yield, increasing a frost protection, increasing growing temperature, reducing crop sunburns, increasing essential vitamins in fruit and vegetables, reducing vulnerability to ultraviolet radiation and therefore a resulting degradation.

Claim 8 cancelled.

9. (Original) A device as defined in claim 1, wherein said body has a photo-transforming additive with a particle range from 50 Å to 50 µm.

10. (New) A device for enhancing growth of plants and vegetables, comprising a body adapted to be placed on a surface accessible for sunlight, said body having photo-transforming qualities which convert UV light for plants and vegetables into growth enhancing light so as to promote photosynthesis and therefore to enhance growth of plants and vegetables, said body including a photo-transforming additive particles for converting UV light into growth-enhancing light, to enhance photosynthesis by increasing conversion of a UV light spectrum; means for delivering the growth-enhancing light to plants or vegetables; and non-transparent casing which

partially surrounds said body to protect it from undesirable effects of mechanical damages and environmental influences.

11. (New)A device for enhancing growth of plants and vegetables, comprising a body adapted to placed on a surface accessible for sunlight, said body having photo-transforming qualities which convert UV light for plants and vegetables into growth enhancing light so as to promote photosynthesis and therefore to enhance growth of plants and vegetables, said body including a photo-transforming additive particles for converting UV light into growth-enhancing light, to enhance photosynthesis by increasing conversion of a UV light spectrum; and means for delivering the growth-enhancing light to plants or vegetables, said means for delivering including a light conduit extending from said body to an area of a plant or a vegetable, said light conduit being composed of a material which has photo-transforming qualities which convert UV light for plants and vegetables into growth-enhancing light, said body and said conduit being composed of the same material.